

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Seo Weon Heo; Ivonete Markman; Jeongsoon Park; Saul Brian Gelfand
Int'l Appln. No. : PCT/US03/10889
Int'l Filed : April 9, 2003
For : DECISION FEEDBACK EQUALIZER

APPOINTMENT OF ASSOCIATE ATTORNEY

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

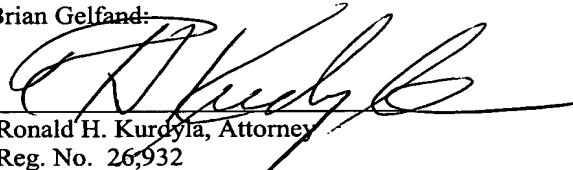
I, Ronald H. Kurdyla, an attorney of record, hereby appoint Joseph J. Opalach, Reg. No. 36,229, Telephone: (609-734-6839), as associate attorney in the above-identified application, with full power to prosecute the above-identified application, to make alterations and amendments therein, and to transact all business in the Patent and Trademark Office connected therewith.

PLEASE ADDRESS ALL FUTURE COMMUNICATIONS TO:

Joseph S. Tripoli
Patent Operations
THOMSON Licensing Inc.
P.O. Box 5312
Princeton, NJ 08543-5312

Respectfully submitted,

Seo Weon Heo
Ivonete Markman
Jeongsoon Park
Saul Brian Gelfand:

By 
Ronald H. Kurdyla, Attorney
Reg. No. 26,932
Phone: (609) 734-6818

Date: October 14, 2004

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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input checked="" type="checkbox"/> Declaration Submitted With Initial Filing OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Attorney Docket Number	PU020118
	First Named Inventor	Seo Weon Heo, et al.
	COMPLETE IF KNOWN	
	Application Number	/
	Filing Date	
	Group Art Unit	
	Examiner Name	

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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the specification of which (Title of the Invention)

☐ is attached hereto
OR
☐ was filed on (MM/DD/YYYY) [] as United States Application Number or PCT International

Application Number [] and was amended on (MM/DD/YYYY) [] (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)
60/373,970 ✓	04/16/2002 ✓

☐ Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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PTO/SB/2 (10-00)
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Direct all correspondence to: ☐ Customer Number or Bar Code Label ☐ OR ☒ Correspondence address below

Name	JOSEPH S. TRIPOLI		
Address	THOMSON MULTIMEDIA LICENSING INC.		
Address	P.O. Box 5312		
City	State	ZIP	
PRINCETON	NJ	08543-5312	
Country	Telephone	Fax	
USA	(609) 734 - 6818	(609) 734 - 6888	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name	Family Name
SEO WEON	HEO
Name	or Surname

Inventor's Signature	Date
	Mar 18, 2003

Residence: City	State	Country	Citizenship
Seoul	South Korea	South Korea	Korean

Mailing Address	127-18 Gaebongbon-Dong, Guro-Gu, Seoul, South Korea 152-090
-----------------	---

Mailing Address			
City	State	ZIP	Country
Seoul	South Korea	152-090	South Korea

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name	Family Name
IVONETE	MARKMAN
Name	or Surname

Inventor's Signature	Date

Residence: City	State	Country	Citizenship
Carmel	Indiana	USA	Brazilian

Mailing Address	11388 Royal Court
-----------------	-------------------

Mailing Address			
City	State	ZIP	Country
Carmel	Indiana	46032	USA

☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

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PTO/SB/02A (11-00)
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DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 1 of 1

Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))				Family Name or Surname	
JEONGSOON				PARK	
Inventor's Signature				Date	
Residence: City	West Lafayette	State	Indiana	Country	USA
Mailing Address				Citizenship	
738 Young Graduate House				Korean	
Mailing Address					
City	West Lafayette	State	Indiana	ZIP	47906
Country				USA	
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))				Family Name or Surname	
SAUL BRIAN				GELFAND	
Inventor's Signature				Date	
Residence: City	Lafayette	State	Indiana	Country	USA
Mailing Address				Citizenship	
70 Sugar Maple Court				USA	
Mailing Address					
City	Lafayette	State	Indiana	Zip	47905
Country				USA	
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))				Family Name or Surname	
Inventor's Signature				Date	
Residence: City		State		Country	
Mailing Address				Citizenship	
Mailing Address					
City		State		Zip	
Country					

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

☒ Declaration
Submitted With Initial
Filing
OR
☐ Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number PU020118
First Named Inventor Seo Weon Heo, et al.

COMPLETE IF KNOWN

Application Number /
Filing Date
Group Art Unit
Examiner Name

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DECISION FEEDBACK EQUALIZER ✓

the specification of which (Title of the Invention)

☐ is attached hereto

OR

☐ was filed on (MM/DD/YYYY) as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

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I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
60/373,970	04/16/2002 ✓	

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Name JOSEPH S. TRIPOLI					
Address THOMSON MULTIMEDIA LICENSING INC.					
Address P.O. Box 5312					
City PRINCETON			State NJ		ZIP 08543-5312
Country USA		Telephone (609) 734 - 6818			Fax (609) 734 - 6888
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name SEO WEON			Family Name HEO or Surname		
Inventor's Signature					Date
Residence: City Seoul		State South Korea	Country South Korea		Citizenship Korean
Mailing Address 127-18 Gaebongbon-Dong, Guro-Gu, Seoul, South Korea 152-090					
Mailing Address					
City Seoul		State South Korea	ZIP 142-090	Country South Korea	
NAME OF SECOND INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name IVONETE			Family Name MARKMAN or Surname		
Inventor's Signature Ivonete Markman			Date 03/12/03		
Residence: City Carmel IN		State Indiana	Country USA		Citizenship Brazilian ✓
Mailing Address 11388 Royal Court					
Mailing Address					
City Carmel		State Indiana	ZIP 46032	Country USA	
<input checked="" type="checkbox"/> Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.					

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DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1
--------------------	---

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
JEONGSOON		PARK	
Inventor's Signature		Date	
Residence: City	West Lafayette	State	Indiana
		Country	USA
Mailing Address		Citizenship	
738 Young Graduate House		Korean	
Mailing Address			
City	West Lafayette	State	Indiana
		ZIP	47906
		Country USA	
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Given Name (first and middle (if any))		Family Name or Surname	
SAUL BRIAN		GELFAND	
Inventor's Signature		Date	
Residence: City	Lafayette	State	Indiana
		Country	USA
Mailing Address		Citizenship	
70 Sugar Maple Court		USA	
Mailing Address			
City	Lafayette	State	Indiana
		Zip	47905
		Country USA	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
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		Country	
Mailing Address		Citizenship	
Mailing Address			
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		Zip	
		Country	

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**DECLARATION FOR UTILITY OR
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(37 CFR 1.63)**

☒ Declaration
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OR
☐ Declaration
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(37 CFR 1.16 (e))
required)

Attorney Docket Number PU020118

First Named Inventor Seo Weon Heo, et al.

COMPLETE IF KNOWN

Application Number /

Filing Date

Group Art Unit

Examiner Name

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				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Address	THOMSON MULTIMEDIA LICENSING INC.				
Address	P.O. Box 5312				
City	State	ZIP			
PRINCETON	NJ	08543-5312			
Country	Telephone	Fax			
USA	(609) 734 - 6818	(609) 734 - 6888			
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name	SEO WEON		Family Name HEO or Surname		
Inventor's Signature					Date
Residence: City	State	Country	Citizenship		
Seoul	South Korea	South Korea	Korean		
Mailing Address 127-18 Gaebongbon-Dong, Guro-Gu, Seoul, South Korea 152-090					
Mailing Address					
City	State	ZIP	Country		
Seoul	South Korea	142-090	South Korea		
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name	IVONETE		Family Name MARKMAN or Surname		
Inventor's Signature					Date
Residence: City	State	Country	Citizenship		
Carmel	Indiana	USA	Brazilian		
Mailing Address 11388 Royal Court					
Mailing Address					
City	State	ZIP	Country		
Carmel	Indiana	46032	USA		
<input checked="" type="checkbox"/> Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.					

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ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 1 of 1

Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))			Family Name or Surname		
JEONGSOON			PARK		
Inventor's Signature <i>Jeongsoon Park</i>				Date <i>3/20/03</i>	
Residence: City	West Lafayette	IN State	Indiana	Country	USA
				Citizenship	Korean <input checked="" type="checkbox"/>
Mailing Address <i>738 Young Graduate House 321 RAVENWOOD LANE, APT. C</i>					
Mailing Address					
City	West Lafayette	State	Indiana	ZIP	47909
				Country	USA
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))			Family Name or Surname		
SAUL BRIAN			GELFAND		
Inventor's Signature <i>Saul Gelfand</i>				Date <i>3/27/03</i>	
Residence: City	Lafayette	IN State	Indiana	Country	USA
				Citizenship	USA <input checked="" type="checkbox"/>
Mailing Address <i>70 Sugar Maple Court</i>					
Mailing Address					
City	Lafayette	State	Indiana	Zip	47905
				Country	USA
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))			Family Name or Surname		
Inventor's Signature				Date	
Residence: City		State	Country	Citizenship	
Mailing Address					
Mailing Address					
City	State	Zip	Country		

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